

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV450454124US, on the date shown below in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 12, 2007

Signature: \_\_\_\_\_

(Michael P. Doyle)

Docket No.: 104978-0007  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Aastair M. Hodges et al.

Application No.: 10/624,795

Confirmation No.: 7470

Filed: July 22, 2003

Art Unit: 1753

For: ELECTROCHEMICAL CELL

Examiner: A. S. Noguera

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement, pursuant to 37 CFR 1.114(c), accompanies the Request for Continued Examination (37 CFR 1.114) submitted herewith.

Applicants submit herewith copies of foreign patents and non-patent literature that the Examiner requested copies of in an Office Action mailed July 13, 2005. Applicants originally listed these documents in an Information Disclosure Statement dated July 22, 2003, and, in accordance with 37 CFR 1.98(d)(1), did not include copies of these references because each was cited on the face of at least one of the following three related parent U.S. patents: U.S. Patent No. 6,284,125, U.S. Patent No. 6,413,410, and U.S. Patent No. 6,960,289. Nevertheless, Applicants' review of this

application's prosecution history prior to issuance showed that, to the best of Applicants' knowledge, there is no record of the Examiner signing off on any of these references. Therefore, Applicants now submit copies of these references in order to make sure that these references are reviewed and signed off on by the Examiner, and thus that these references appear on the face of any subsequent patent that issues.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56 (b).

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 104978-0007.

Dated: June 12, 2007

Respectfully submitted,

By 

Michael P. Doyle

Registration No.: 49,052

NUTTER MCCLENNEN & FISH LLP

World Trade Center West

155 Seaport Boulevard

Boston, Massachusetts 02210-2604

(617) 439-2000

(617) 310-9000 (Fax)

Attorney for Applicant



Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/624,795-Conf. #7470
				Filing Date	July 22, 2003
				First Named Inventor	Alastair M. Hodges
				Art Unit	1753
				Examiner Name	A. S. Noguera
Sheet	1	of	1	Attorney Docket Number	104978-0007

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	BA	SU-1351627A	11-15-1987	Tomsk Inzh Str Inst		
	BB	AU-5487394	02-04-1993	Asulab Sa		
	BC	AU-3104293	07-15-1993	Commonwealth Scientific and Industrial Research Organisation		
	BD	JP-466112 A	03-02-1992	UBE IND LTD		
	BE	JP-3167464	07-19-1991	YAMATAKE HONEYWELL CO LTD		
	BF	JP-6222874	10-07-1987	MITSUI TOATSU CHEM INC		
	BG	DE-3103464 A1	08-05-1982	Geesthacht Gkss Forschung		
	BH	DE-3103464 (Abstract)	08-05-1982	Geesthacht Gkss Forschung		√
	BI	GB 2020424 A	11-14-79	J.T. Baker Chem. Co.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA**	Patent Abstracts of Japan, JP A 04-62463	
	CB**	Patent Abstracts of Japan, JP A 59-3345, p-269, Page 166 (Hitachi Seisakusho K.K.) January 10, 1994	
	CC**	Hubbard, et al. The Theory and Practice of Electrochemistry with Thin Layer Cells, in <i>Electroanalytical Chemistry</i> , (Bard, Ed.), Marcel Dekker, New York, 1970, vol. 4 (pp. 129-214)	
	CD**	Japanese Patent Abstract JP63-139246 A2 (6/1988)	
	CE**	Patent Abstracts of Japan, JP 0 05312761 A2; 1993; Y. Fukuda, et al.	
	CF**	Cassidy, et al.; "Novel Electrochemical Device for the Detection of Cholesterol or Glucose"; <i>Analyst</i> , vol. 118; April 1993; pp. 415-418.	
	CG**	Christensen & Anson: "Chronopotentiometry in Thin Layers of Solution", <i>Analytical Chemistry</i> , volume 35; No. 2, 1963, pp. 205-209	
	CH**	Hubbard & Anson; "New Electrodes for Chronopotentiometry in Thin Layers of Solution"; <i>Analytical Chemistry</i> , volume 36, No. 4, April 1964, pp. 723-728	
	CI**	McDuffie, Anderson, & Reilley; "Twin Electrode Thin-Layer Electrochemistry"; <i>Analytical Chemistry</i> , volume 38, No. 7, June 1966; pp. 883-890	
	CJ**	Nicholson and Shain; "Theory of Stationary Electrode Polarography". <i>Analytical Chemistry</i> .	

Examiner Signature		Date Considered	
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				First Named Inventor	Alastair M. Hodges
				Art Unit	1753
				Examiner Name	A. S. Noguerola
Sheet	2	of	1	Attorney Docket Number	104978-0007

		vol. 36, No. 4, April 1964, pp. 706-723	
	CK**	Pickup, Kutner, Leidner, and Murray; <i>Redox Conduction in Single and Bilayer Films of Redox Polymer</i> ; J. Amer. Chem. Soc.; Vol 106; No. 7; 1984	
	CL**	Chidsey, Feldman, Lundgren, and Murray; <i>"Micrometer-Spaced Platinum Interdigitated Array Electrode: Fabrication, Theory, and Initial Use"</i> ; Analytical Chemistry, vol. 58, No. 3, March 1986, pp. 801-807	
	CM**	Anderson, McDuffie and Reilley; <i>"Diagnostic Criteria for the Study of Chemical and Physical Processes by Twin-Electrode Thin-Layer Electrochemistry"</i> ; J. Electroanalytical Chemistry; vol. 12, 1966, pp. 477-494	
	CN**	Hubbard; <i>"Study of the Kinetics of Electrochemical Reactions by Thin-Layer Voltammetry"</i> ; J. Electroanalytical Chemistry, vol. 22, 1969, pp. 165-174	
	CO**	Anderson and Reilley; <i>"Thin-Layer Electrochemistry: Steady-State Methods of Studying Rate Processes"</i> ; J. Electroanalytical Chemistry; vol. 10, 1965, pp. 295-305	
	CP**	Patent Abstracts of Japan, JP 08062179A; <i>Electrolyte Analyzer</i> , (3/8/96)	
	CQ	Reilley, Charles; <i>"Electrochemistry Using Thin-Layer Cells"</i> ; Review of Pure and Appl. Chem, Vol. 18, 1968, pp. 137-151	
	CR	Morris, Franta and White; <i>"Electrochemistry at Pt Band Electrodes of Width Approaching Molecular Dimensions. Breakdown of Transport Equations At Very Small Electrodes"</i> ; J. of Physical Chemistry, vol 91, No. 13, 1987, pp. 3559-3564	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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